

Zubax Kucher - #380031000c5136313036383800000000 78.Log', /home/r...

### Device management

Telega control panel

DC quantities: Voltage 14.6 V, Current 0.0 A, Power 0 W

Temperature: CPU 36 °C, VSI 29 °C, Motor N/A

HW flag cnt.: LVPS mlf. 1, Overload 0, Fault 0

VSI status: VSI state Idle, PWM frq. 47.0 kHz, IAGC lvl. High gain

Active alerts: None

Device status: Fault, Fault task status information

Current task: MOTOR\_IDENTIFICATION

has failed with exit code 252, 0xFC, 0b11111100 which means:

(elaboration not available)

### Controls

Run, Motor identification, Self-test, Miscellaneous, Low-level manipulation

Select parameters to estimate: Flux linkage

Then click Launch and wait. The process will take a few minutes to complete.

EMERGENCY SHUTDOWN

### Registers

Tree	Value	Type	Default	Min	Max	Flags	Device t
can_pwm_on	False	boolean	False	False	True	✓	0:00:30.4
ctrl							
can_pwm_on	False	boolean	False	False	True	✓	0:00:30.4
nam_attempts	100	u32	100	1	1000000	✓	0:00:29.3
spinup_durat	1.50000	F32	1.50000	0.100000	10.0000	✓	0:00:29.3
vm_ctrl_comp	False	boolean	False	False	True	✓	0:00:29.4
vm_oversatur	False	boolean	False	False	True	✓	0:00:29.4
vm_spohev_thr	0.95000	F32	0.95000	0.00000	1.00000	✓	0:00:29.4
ctrl							
task_switch_count	6	u32				✓	0:00:30.7
exec_aux_command	i	i16	-1	-1	9999	✓	0:00:30.6
ctrl							
current_ctl_bw	0.020000	F32	0.020000	1.00000e-05	0.500000	✓	0:00:30.0
current_ramp	100.000	F32	100.000	0.100000	10000.0	✓	0:00:29.9
rangevel_ctl_ki	0.00100000	F32	0.00100000	0.00000	100.000	✓	0:00:30.0
rangevel_ctl_kp	0.00300000	F32	0.00300000	0.00000	100.000	✓	0:00:30.0
rangevel_rmode	0.00000	F32	0.00000	0.00000	1.00000e+06	✓	0:00:29.9
rangevel_rampup	2000.00	F32	2000.00	0.0100000	1.00000e+06	✓	0:00:29.9
lg_microhenry	0.00000	F32	0.00000	0.00000	500000.0	✓	0:00:29.6
lg_microhenry	0.00000	F32	0.00000	0.00000	500000.0	✓	0:00:29.7
max_current	0.00000	F32	0.00000	0.00000	200.000	✓	0:00:29.5
max_rangevel	10000.0	F32	10000.0	10.0000	20000.0	✓	0:00:29.7
min_current	0.00000	F32	0.00000	0.00000	50.0000	✓	0:00:29.5
min_rangevel	100.000	F32	100.000	10.0000	1000.000	✓	0:00:29.7
nam_peles	0	u8	0	0	200	✓	0:00:29.4
phi_fullladder	0.00000	F32	0.00000	0.00000	500.000	✓	0:00:29.6
rs_slew	0.00000	F32	0.00000	0.00000	10.0000	✓	0:00:29.5
rpm_current_h	0.00000	F32	0.00000	0.00000	50.0000	✓	0:00:29.6
rpm_current_l	0.00000	F32	0.00000	0.00000	50.0000	✓	0:00:29.5
voltage_ramp	20.0000	F32	20.0000	0.0100000	1000.00	✓	0:00:29.9
motor							
electrical_angle	0.00000	F32				✓	0:00:30.7
electrical_angular_velocity	0.00000	F32				✓	0:00:30.8
i_d_pid	0.00000, 0.00000	F32[2]				✓	0:00:30.8
i_q_pid							
positive_phase_modulation_on	False	boolean	False	False	True	✓	0:00:30.0
phase_voltage_setpoint	0.00000, 0.00000, 0.00000	F32[3]				✓	0:00:30.9
phase_setpoint	0.00000, 0.00000, 0.00000	F32[3]				✓	0:00:30.7
scalar							
setpoint_q	0.00000	F32				✓	0:00:30.8
u_dq	0.00000, 0.00000	F32[2]				✓	0:00:30.9
u_dq_setpoint	0.00000, 0.00000	F32[2]				✓	0:00:30.9
obs							
obsrv							
obsrv	False	boolean	False	False	True	✓	0:00:30.2
type							
observer							
variance	0.00000, 0.00000, 0.00000, 0.00000	F32[4]				✓	0:00:30.8
ctrl							
ctrl_mode	i	u8	1	0	2	✓	0:00:29.1
enable	False	boolean	False	False	True	✓	0:00:30.4
polite							
polite_gur	map	F32				✓	0:00:30.7
recycled	0.00000	F32				✓	0:00:30.7
tll	0.300000	F32	0.300000	0.100000	10.0000	✓	0:00:29.3
setpoint							
elect_ang_vel_ctrl							
electrical_angular_velocity	0.00000	F32				✓	0:00:30.8
navcan							
esc_index	0	u8	0	0	15	✓	0:00:29.1
esc_rcm	i	u8	1	0	2	✓	0:00:29.2
esc_sint	0.0500000	F32	0.0500000	0.0100000	1.00000	✓	0:00:29.2
esc_sintp	0.300000	F32	0.300000	0.0100000	10.0000	✓	0:00:29.2
esc_tll	0.300000	F32	0.300000	0.100000	10.0000	✓	0:00:29.2
node_id	0	u8	0	0	125	✓	0:00:29.1
transfer_cnt							
usb							
empty_transaction_cnt	0	u32				✓	0:00:30.7
vsi							
cpu_temp	309.082	F32				✓	0:00:30.6
current_gain_level	True	boolean				✓	0:00:30.6
dc_current	0.00000	F32				✓	0:00:30.7
dc_current_lpf	0.00000	F32				✓	0:00:30.7
dc_voltage	14.0511	F32				✓	0:00:30.7
dc_voltage_lpf	14.0503	F32				✓	0:00:30.7
hw_flag_cnt							
motor_temp	0.00000	F32				✓	0:00:30.6
phase_current	0.00000, 0.00000	F32[2]				✓	0:00:30.7
phase_voltage	0.00000, 0.00000, 0.00000	F32[3]				✓	0:00:30.7
phase_voltage_error	0.00000, 0.00000, 0.00000	F32[3]				✓	0:00:30.6
pwm_freq_khz	47.0000	F32	0.00000	0.00000	50.0000	✓	0:00:30.5
pwm_irq_duration	2.72750e-06	F32				✓	0:00:30.6
vsi_temp	302.020	F32				✓	0:00:30.6

Read all, Read selected, Reset selected

Show all registers

98 registers loaded

### Device log

Clear

Local time: 23:29:53

Motor ID request, mode 1

1 rows

Task statistics, Device log